L4 id	req_key	rel	req_type	req_status	ver_method	ver_status	CCR	clarification	text
S-DSS-00378	8739	~~B0~~ B1	functional	approved	test	unverified	96-1353A		Operations staff shall be able to distribute SDSRV utilization reports electronically or in hard copy or on electronic media.
S-DSS-00530	3285	A B1	interface	approved	demo	unverified			The SDSRV CI shall provide Data Dictionary Information to the Data Management subsystem.
S-DSS-00692	3303	A B1	interface	approved	demo	unverified			The SDSRV CI shall be capable of receiving data from the DDSRV CI.
S-DSS-00849	9804	A B1	interface	approved	demo	unverified			The DDSRV CI shall collect and provide Fault Management data to the MSS using a MSS provided Fault Management API.
S-DSS-00857	11297	A B1	functional	incremental	inspection	unverified	96-1042		The DDSRV CI shall provide a configuration controlled API which supports the addition of documents for use as guide metadata for DAAC-specific data products.
S-DSS-01840	9180	A B1	performance	approved	demo	unverified			The ~~Science Data Server~~ SDSRV CI shall accept and validate Data Requests per hour as derived from Section E.6 of Appendix E of the current version of ~~304-CD-002 for Release A and the current version of~~ 304-CD-005 for Release B.
S-DSS-01850	3986	A B1	evolvable	approved	demo	unverified			The ~~Science Data Server~~ SDSRV CI shall be capable of supporting 200% growth in the number of Data Requests it accepts and validates without architecture or design change.
S-DSS-01860	3987	A B1	performance	approved	demo	unverified			The ~~Science Data Server~~ SDSRV CI shall support making stored Data Products available on physical media within 24 hours of receipt of a Media Distribution Request.
S-DSS-01870	3988	A B1	performance	approved	demo	unverified			The ~~Science Data Server~~ SDSRV CI shall support distributing product QA data produced at the collocated Data Processing Subsystem within 1 hour from the time it is ready.
S-DSS-01880	3989	A B1	performance	approved	demo	unverified			The ~~Science Data Server~~ SDSRV CI shall support making archive data associated with a predefined ECS standard format available to the network in that

L4 id	req_key	rel	req_type	req_status	ver_method	ver_status	CCR	clarification	text
									format within an average of 2 minutes.
S-DSS-01890	3990	~~A~~ B1	performance	approved	demo	unverified			The ~~Science Data Server~~ SDSRV CI shall support making archive data associated with a predefined ECS standard format available to the network in a different format within an avg. of 5 minutes.
S-DSS-01900	9187	~~A~~ B1	performance	approved	demo	unverified			The ~~Science Data Server~~ SDSRV CI shall be capable of receiving a combined maximum number of Data Requests per hour (across ECS) from the Data Management Subsystem and/or the client Subsystem as derived from Section E.6 of Appendix E of the current version of ~~304-CD-002 for Release A and the current version of~~ 304-CD-005 for Release B.
S-DSS-01910	9185	~~A~~ B1	performance	approved	demo	unverified			The ~~Science Data Server~~ SDSRV CI shall be capable of receiving a combined maximum number of Browse Requests per hour (across ECS) from the Data Management Subsystem and/or the Client Subsystem as derived from Section E.6 of Appendix E of the current version of ~~304-CD-002 for Release A and the current version of~~ 304-CD-005 for Release B.
S-DSS-01920	9188	~~A~~ B1	performance	approved	demo	unverified			The ~~Science Data Server~~ SDSRV CI shall support making pre-computed Browse Data available to a requester in 58 seconds after accepting and validating the request in the number of seconds specified in Appendix E of the current version of ~~304-CD-002 for Release A and the current version of~~ 304-CD-005 for Release B.
S-DSS-01950	9191	~~A~~ B1	performance	approved	demo	unverified			The ~~Science Data Server~~ SDSRV CI shall support distributing the number of bytes of data per day derived from Sections E.1 & E.3 of Appendix E of the current version of ~~304-CD-002 for Release A and the current version of~~ 304-CD-005 for Release B to the PRONG CI (in support of production) by accepting and validating the number requests per day

L4 id	req_key	rel	req_type	req_status	ver_method	ver_status	CCR	clarification	text
									from the PRONG CI derived from Sections E.1 & E.3 of Appendix E of the current version of ~~304-CD-002 for Release A and the current version of~~ 304-CD-005 for Release B.
S-DSS-01960	9194	~~A~~ <u>B1</u>	performance	approved	demo	<u>unverified</u>			The ~~Science Management within the Data Server~~ <u>SDSRV CI</u> shall support distributing the bytes of data per day derived from Sections E.1 & E.3 of Appendix E of the current version of ~~304-CD-002 for Release A and the current version of~~ 304-CD-005 for Release B to the PRONG CI (in support of production) by retrieving and staging the number of bytes per day for the PRONG CI derived from Sections E.1 & E.3 of Appendix E of the current version of ~~304-CD-002 for Release A and the current version of~~ 304-CD-005 for Release B.
S-DSS-02020	5245	~~A~~ <u>B1</u>	RMA	approved	~~demo~~ <u>analysis</u>	<u>unverified</u>			The ACMHW CI shall be configured to support the SDPS function of local Data Request Submission's Availability requirement of .96 and Mean Down Time requirement of < 4 hrs during times of staffed operation.
S-DSS-02030	5246	~~A~~ <u>B1</u>	RMA	approved	~~demo~~ <u>analysis</u>	<u>unverified</u>			The ACMHW CI shall be configured to support the SDPS function of data order submission across DAACs Availability requirement of .96 and Mean Down Time requirement of < 4 hrs during times of staffed operation.
S-DSS-02042	5186	~~A~~ <u>B1</u>	RMA	approved	<u>analysis</u>	<u>unverified</u>			The ACMHW CI shall be configured to support the SDPS function of information searches on the ECS directory's availability requirement of .993 and a mean down time requirement of < 2 hours during times of staffed operations.
S-DSS-02044	5198	~~A~~ <u>B1</u>	RMA	approved	<u>analysis</u>	<u>unverified</u>			The ACMHW CI shall be configured to support the SDPS function of Information Searches On Local Holding's availability requirement of .96 and mean down time requirement of < 4 hours during times of

L4 id	req_key	rel	req_type	req_status	ver_method	ver_status	CCR	clarification	text
									staffed operations.
S-DSS-04032	11568	A B1	~~functional~~ performance	approved	test	unverified	96-1081A		The SDSRV CI shall have the capability to support the transaction rates as specified in Table 7-4 of the Functional and Performance Requirements Specification for the ECS.
S-DSS-04476	10941	A B1	functional	approved	test	unverified	96-1020		The DDSRV CI shall provide the ability to store documents and/or data.
S-DSS-10010	3575	A B1	functional	approved	demo	unverified			The guide shall be maintained on-line by the DDSRV CI.
S-DSS-10030	3577	A B1	functional	approved	demo	unverified			The DDSRV CI shall support storage, retrieval and searching of documents in HTML format.
S-DSS-10040	3578	A B1	interface	approved	demo	unverified			The DDSRV CI shall accept Documents from the INGST CI.
S-DSS-10051	3580	A B1	functional	approved	demo	unverified			The DDSRV CI shall provide the capability to add, delete, or modify individual ECS Metadata entries.
S-DSS-10052	4905	A B1	functional	approved	test	unverified			The DDSRV CI shall generate an update to metadata reflecting changes in data holdings resulting from a purge operation.
S-DSS-10053	4906	A B1	functional	approved	test	unverified			The DDSRV CI shall generate an update to metadata reflecting changes in data holdings resulting from an unexpected loss.
S-DSS-10054	4907	A B1	functional	approved	test	unverified			The DDSRV CI shall generate an update to metadata reflecting changes in data holdings resulting from an intra-site data transfer or some other update.
S-DSS-10060	3582	A B1	functional	approved	demo	unverified			The DDSRV CI shall provide access to the ECS guide (documentation/reference material) and guide services.
S-DSS-10070	3583	A B1	functional	approved	demo	unverified			The DDSRV CI shall store, maintain and provide data management services for ECS guide (documentation/reference material).
S-DSS-10075	11052	A B1	functional	approved	demo	unverified	96-1017A		The DDSRV CI shall support the Release ~~A~~ B1 Core Meta Data Model for document data.
S-DSS-10080	3584	A B1	functional	approved	demo	unverified			The DDSRV CI shall provide the capability to add, delete, or modify groups of ECS Metadata entries.

L4 id	req_key	rel	req_type	req_status	ver_method	ver_status	CCR	clarification	text
S-DSS-10090	3585	A B1	functional	approved	demo	<u>unverified</u>			The DDSRV CI shall be capable of receiving documentation of processing algorithms used for EOS and other Earth Science Data Products generated by the ECS
S-DSS-10094	11551	A B1	interface	approved	demo	unverified	96-1061		The DDSRV CI shall have the capability to receive Guide Search Requests via the V0 protocol.
S-DSS-10095	4948	A B1	functional	approved	demo	<u>unverified</u>			The DDSRV CI shall be capable of receiving data from the PLANG CI.
S-DSS-10096	11552	A B1	interface	approved	demo	unverified	96-1061		The DDSRV CI shall have the capability to send Guide Search Results via the V0 protocol.
S-DSS-10100	3586	A B1	functional	approved	demo	<u>unverified</u>			The DDSRV CI shall be capable of receiving references to results of science data quality assessments of EOS data
S-DSS-10110	3587	A B1	functional	approved	demo	unverified			The DDSRV CI shall be capable of receiving bibliography information of published and unpublished literature (as available) derived from the project
S-DSS-10120	3588	A B1	functional	approved	demo	<u>unverified</u>			The DDSRV CI shall be capable of providing cross references between differing studies of the same data
S-DSS-10130	3589	A B1	functional	approved	demo	<u>unverified</u>			The DDSRV CI shall be capable of receiving other documents relevant to quality assessment of EOS data
S-DSS-10140	3590	A B1	functional	approved	demo	unverified			The DDSRV CI shall provide the capability to receive data describing format and media options available for a given data set.
S-DSS-10150	11039	A B1	functional	approved	demo	unverified	96-1017A		The DDSRV CI shall be capable of receiving instrument and product specifications
S-DSS-10160	3592	A B1	functional	approved	demo	<u>unverified</u>			The DDSRV CI shall provide the capability to receive summaries of data sets derived from observation logs
S-DSS-10170	3593	A B1	functional	approved	demo	unverified			The DDSRV CI shall receive user supplied documents in HTML & ASCII
S-DSS-10184	3595	A B1	functional	approved	demo	<u>unverified</u>			The DDSRV CI shall notify operations staff of any system error or fault.
S-DSS-	3596	A	functional	approved	demo	<u>unverified</u>			The DDSRV CI shall report to operations staff all

L4 id	req_key	rel	req_type	req_status	ver_method	ver_status	CCR	clarification	text
10186		B1	nal	ed					errors involving file accesses.
S-DSS-10190	3597	A B1	functional	approved	demo	unverified			The DDSRV CI shall receive Guide Data from Version 0 in HTML & ASCII
S-DSS-10200	3598	A B1	functional	approved	demo	unverified			The DDSRV CI shall provide the capability to ingest documentation in ASCII text format.
S-DSS-10204	3600	A B1	functional	approved	demo	unverified			The DDSRV CI shall provide the capability to ingest documentation in HTML format.
S-DSS-10209	4925	A B1	functional	approved	demo	unverified			The DDSRV CI shall provide the capability to ingest documentation in Postscript format.
S-DSS-10210	11041	A B1	functional	approved	demo	unverified	96-1017A		The DDSRV CI shall receive and maintain information that describes spacecraft-housekeeping and Ancillary Data parameters stored in the Science Data Server.
S-DSS-10220	3604	A B1	functional	approved	demo	unverified			The DDSRV CI shall receive Guide Data from Version 0.
S-DSS-10238	4949	A B1	functional	approved	demo	unverified			The DDSRV CI shall provide storage for production plan data.
S-DSS-10241	4924	A B1	functional	approved	demo	unverified			Upon receipt of all supported document formats and descriptive data, the DDSRV CI shall provide storage for the document and descriptive data.
S-DSS-10250	3610	A B1	functional	approved	demo	unverified			Upon receipt and successful storage of all supported document formats and descriptive data, the DDSRV CI shall provide access to the document and/or data.
S-DSS-10320	9195	A B1	performance	approved	demo	unverified			The DDSRV CI ~~Document Data Server~~ shall accept and validate the number of Distribution Requests per hour derived from Section E.6 of Appendix E of the current version of ~~304-CD-002 for Release A and the current version of~~ 304-CD-005 for Release B.
S-DSS-10330	4003	A B1	evolvable	approved	demo	unverified			The DDSRV CI ~~Document Data Server~~ shall be capable of supporting 200% growth in the number of Distribution Requests it accepts and validates without architecture or design change.
S-DSS-10340	4004	A B1	performance	approved	demo	unverified			The DDSRV CI ~~Document Data Server~~ shall support making stored documents available on physical media

L4 id	req_key	rel	req_type	req_status	ver_method	ver_status	CCR	clarification	text
									within 24 hours of receipt of a Media Distribution Request.
S-DSS-10350	9196	A B1	performance	approved	demo	unverified			The DDSRV CI ~~Document Data Server~~ shall be capable of receiving a combined maximum of product orders per hour as derived from Section E.6 of Appendix E (across ECS) of the current version of ~~304-CD-002 for Release A and the current version of~~ 304-CD-005 for Release B from the Data Management Subsystem and/or the Client subsystem.
S-DSS-10360	9197	A B1	performance	approved	demo	unverified			The DDSRV CI ~~Document Data Server~~ shall be capable of accepting and storing documents and related data at a nominal rate derived from Section E.1 of Appendix E of the current version of ~~304-CD-002 for Release A and the current version of~~ 304-CD-005 for Release B from external clients while supporting standard data retrieval and access loads.
S-DSS-10500	10590	A B1	functional	approved	test	unverified			The DDSRV CI shall provide storage for Product Status Reports.
S-DSS-10510	10591	A B1	functional	approved	test	unverified			The DDSRV CI shall provide storage for Production Error Reports.
S-DSS-10520	10592	A B1	functional	approved	test	unverified			The DDSRV CI shall provide storage for PGE Resource Reports.
S-DSS-10530	10593	A B1	functional	approved	test	unverified			The DDSRV CI shall provide the capability to load the Processing Reports HTML page for its DAAC into its repository and provide access to it and the files to which it refers via hyperlinks.
S-DSS-20315	11571	A B1	~~functional~~ performance	approved	test	unverified	96-1081A		The STMGT CI shall have the capability to support the transaction rates as specified in Table 7-4 of the Functional and Performance Requirements Specification for the ECS.
S-DSS-20610	11980	~~B0~~ B1	functional	approved	test	unverified	97-0013A		The STMGT CI shall provide the capability to archive multiple versions of Data Granules.
S-DSS-	8891	~~B0~~	functional	approved	test	unverified	96-1353A		The STMGT CI shall provide a mechanism to

L4 id	req_key	rel	req_type	req_status	ver_method	ver_status	CCR	clarification	text
20624		~~B1~~	nal	ed					statistically monitor the checksum error rate of archive media.
S-DSS-20860	8902	~~B1~~ B0	functional	approved	test	unverified	96-1353A		The STMGT CI shall provide a mechanism to monitor the performance of the ECS archival storage system.
S-DSS-20870	8903	~~B1~~ B0	functional	approved	test	unverified	96-1353A		The STMGT CI shall provide operations staff the capability to view/display performance information on the storage system.
S-DSS-21250	8908	~~B1~~ B0	functional	approved	test	unverified	96-1353A		The STMGT CI shall provide operations staff a mechanism to display/view storage system performance by ECS element.
S-DSS-21500	4007	~~A~~ B1	performance	approved	demo	<u>unverified</u>			The ~~Science Management within the~~ SDSRV CI ~~Data Server~~ shall support making stored Data Products available on physical media within 24 hours
S-DSS-21510	4008	~~A~~ B1	evolvable	approved	demo	<u>unverified</u>			The ~~Science Management within the~~ SDSRV CI ~~Data Server~~ shall be capable of providing of 200% expansion in capacity without architecture or design change.
S-DSS-21520	9198	~~A~~ B1	performance	approved	demo	<u>unverified</u>			The ~~Science Management within the~~ SDSRV CI ~~Data Server~~ shall be capable of processing a combined maximum number of Data Requests per hour (across ECS) from the Data Management Subsystem and/or the Client Subsystem as derived from Section E.6 of Appendix E of the current version of ~~304-CD-002 for Release A and the current version of~~ 304-CD-005 for Release B.
S-DSS-21540	4010	~~A~~ B1	performance	approved	demo	<u>unverified</u>			The ~~Science Management within the~~ SDSRV CI ~~Data Server~~ shall support distributing product QA data produced at the collocated Data Processing Subsystem within 1 hour from the time it is ready.
S-DSS-21813	5249	~~A~~ B1	RMA	approved	~~demo~~ <u>analysis</u>	<u>unverified</u>			The DRPHW CI shall be configured to support the SDPS function of Information Searches on Local Holding's Availability of .96 and a Mean Down Time of < 4 hrs. during times of staffed operations.

L4 id	req_key	rel	req_type	req_status	ver_method	ver_status	CCR	clarification	text
S-DSS-30255	11262	A ~~A~~ B1	interface	approved	test	unverified	96-1002		The DDIST CI shall interface with the MSS order tracking capability to update order and request information.
S-DSS-30500	11984	~~B0~~ B1	functional	approved	test	unverified	97-0013A		If the number of correctable errors exceed a system threshold for a piece of media, the DDIST CI shall abort the operation and automatically request a new piece of media from operations staff.
S-DSS-30510	11985	~~B0~~ B1	functional	approved	test	unverified	97-0013A		Operations staff shall have the capability to specify a threshold of correctable errors for each type of distribution media.
S-DSS-30680	3881	A B1	functional	approved	demo	<u>unverified</u>			The <u>STMGT</u> ~~DDIST~~ CI shall provide the capability for operations staff to change the system defined number of additional attempts for re-transmission.
S-DSS-30800	11026	A B1	performance	approved	demo	unverified	96-1020		The <u>DDIST CI</u> ~~Data Distribution within the Data Server~~ shall support making stored products available on physical media within 24 hours.
S-DSS-30810	4019	A B1	performance	approved	demo	<u>unverified</u>			The <u>DDIST CI</u> ~~Data Distribution within the Data Server~~ shall be capable of distributing Data via physical media generated a rate equivalent to the daily rate data are ingested at that site.
S-DSS-30840	4020	A B1	performance	approved	demo	<u>unverified</u>			The <u>DDIST CI</u> ~~Data Distribution within the Data Server~~ shall support distributing product QA data produced at the collocated Data Processing Subsystem within 1 hour from the time it is ready.
S-DSS-30850	4021	A B1	performance	approved	demo	<u>unverified</u>			The <u>DDIST CI</u> ~~Data Distribution within the Data Server~~ shall support making archive data associated with a predefined ECS standard format available to the network in that format within an avg. of 2 minutes.
S-DSS-30860	4022	A B1	performance	approved	demo	<u>unverified</u>			The <u>DDIST CI</u> ~~Data Distribution within the Data Server~~ shall support making archive data associated with a predefined ECS format available to the network in a different format within an average of 5 minutes.

L4 id	req_key	rel	req_type	req_status	ver_method	ver_status	CCR	clarification	text
S-DSS-30870	4023	~~A~~ <u>B1</u>	performance	approved	demo	<u>unverified</u>			The DAAC <u>DDIST CI</u> ~~Data Distribution within the Data Server~~ shall be capable of electronically distributing data to users in support of Electronic Distribution Requests at a rate equivalent to daily product volume, L1-L4.
S-DSS-30875	4024	~~A~~ <u>B1</u>	evolvable	approved	demo	<u>unverified</u>			The <u>DDIST CI</u> ~~Data Distribution within the Data Server~~ shall be capable of providing 200% expansion in capacity without architecture or design change.
S-DSS-30950	9173	~~A~~ <u>B1</u>	performance	approved	demo	<u>unverified</u>			The DIPHW CI shall be sized to temporarily store the total number of bytes of distribution data derived from Section E.1 of Appendix E of the current version of ~~304-CD-002 for Release A and the current version of~~ 304-CD-005 for Release B.
S-DSS-30960	9175	~~A~~ <u>B1</u>	performance	approved	demo	<u>unverified</u>			The DIPHW CI shall be sized to support a sustained I/O rate of 1x the production volume for media distribution, where 1x production volume is derived from Section E.1 of, Appendix E of the current version of ~~304-CD-002 for Release A and the current version of~~ 304-CD-005 for Release B.
S-DSS-60310	11570	~~A~~ <u>B1</u>	~~functional~~ <u>performance</u>	approved	test	unverified	96-1081A		The ACMHW CI shall have the capability to support the transaction rates as specified in Table 7-4 of the Functional and Performance Requirements Specification for the ECS.
S-DSS-80310	11572	~~A~~ <u>B1</u>	~~functional~~ <u>performance</u>	approved	test	unverified	96-1081A		The DRPHW CI shall have the capability to support the transaction rates as specified in Table 7-4 of the Functional and Performance Requirements Specification for the ECS.
S-DSS-90000	11578	~~A~~ <u>B1</u>	functional	approved	test	unverified	96-1077A		The DDSRV CI shall use a standard query language (SQL) for database management queries.